SEQUENZPROTOKOLL

Merck Patent GmbH

<120> Glucose-Dehydrogenase-Fusionsproteine und ihre Verwendung in Expressionssystemen

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Ile Asp Thr Asn Leu Thr Gly Ala Phe Leu Gly Ser Arg Glu Ala Ile
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Ser Lys Gly Gly Met Lys Leu Met Thr Glu Thr Leu Ala Leu Glu Tyr
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Ala Pro Lys Gly Ile Arg Val Asn Asn Ile Gly Pro Gly Ala Met Asn
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Thr Pro Ile Asn Ala Glu Lys Phe Ala Asp Pro Glu Gln Arg Ala Asp
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ctg att aaa cct atg gat gat ata tac caa aga cca gtc gag ttt cca   317
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cca gaa caa cgt gca gac gta gaa agc atg att cca atg ggt tac atc  1040
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Gly Lys Pro Glu Glu Val Ala Ala Val Ala Ala Phe Leu Ala Ser Ser
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caa gca agc tat gta aca ggt att aca tta ttt gca gat ggc ggt atg  1136
Gln Ala Ser Tyr Val Thr Gly Ile Thr Leu Phe Ala Asp Gly Gly Met
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Pro Arg Glu Glu Met Tyr Thr Asp Leu Lys Asp Lys Val Val
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Val Ile Thr Gly Gly Ser Thr Gly Leu Gly Arg Ala Met Ala Val Arg
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Phe Gly Gln Glu Glu Ala Lys Val Val Ile Asn Tyr Tyr Asn Asn Glu
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Gly Ser Arg Glu Ala Ile Lys Tyr Phe Val Glu Asn Asp Ile Lys Gly
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Asn Val Ile Asn Met Ser Ser Val His Glu Met Ile Pro Trp Pro Leu
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        225                 230                 235

Thr Leu Ala Leu Glu Tyr Ala Pro Lys Gly Ile Arg Val Asn Asn Ile
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Gly Pro Gly Ala Met Asn Thr Pro Ile Asn Ala Glu Lys Phe Ala Asp
255                 260                 265                 270

Pro Glu Gln Arg Ala Asp Val Glu Ser Met Ile Pro Met Gly Tyr Ile
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Gly Lys Pro Glu Glu Val Ala Ala Val Ala Ala Phe Leu Ala Ser Ser
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<211> 31
<212> DNA
<213> Künstliche Sequenz

<220>
<223> Beschreibung der künstlichen Sequenz:Primer

<400> 7
gcgcctgcag atgtatacag atttaaaaga t 31

<210> 8
<211> 31
<212> DNA
<213> Künstliche Sequenz

<220>
<221> primer_bind
<222> (1)..(31)
<223> Primer 4, GlcDH

<220>
<223> Beschreibung der künstlichen Sequenz:Primer

<400> 8
gcgcagcgct ctattagcct cttcctgctt g 31

<210> 9
<211> 31
<212> DNA
<213> Künstliche Sequenz

<220>
<221> primer_bind
<222> (1)..(31)
<223> Primer 5, Tridegin

<220>
<223> Beschreibung der künstlichen Sequenz:Primer

<400> 9
gcgcatcgat atgaaactat tgccttgcaa a 31

<210> 10
<211> 31
<212> DNA
<213> Künstliche Sequenz

<220>
<221> primer_bind
<222> (1)..(31)
<223> Primer 6, Tridegin

<220>
<223> Beschreibung der künstlichen Sequenz:Primer

<400> 10
gcgcctgcag gtgatggtga tggtgatgcg a 31

<210> 11
<211> 22
<212> DNA
<213> Künstliche Sequenz

<220>
<221> primer_bind
<222> (1)..(22)
<223> Primer 7, pASK 75UPN

<220>
<223> Beschreibung der künstlichen Sequenz:Primer

<400> 11
ccatcgaatg gccagatgat ta 22

<210> 12
<211> 21
<212> DNA
<213> Künstliche Sequenz

<220>
<221> primer_bind
<222> (1)..(21)
<223> pASK 75 RPN

<220>
<223> Beschreibung der künstlichen Sequenz:Primer

<400> 12
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<210> 13
<211> 20
<212> DNA
<213> Künstliche Sequenz

<220>
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<222> (1)..(20)
<223> Primer 9, T7 Seq.

<220>
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<400> 13
taatacgact cactataggg 20

<210> 14
<211> 18
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<220>
<221> primer_bind
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<223> Rev. Seq.

<220>
<223> Beschreibung der künstlichen Sequenz:Primer

<400> 14
tagaaggcac agtcgagg 18